



Patent  
Attorney Docket No. 1034074-000794

*IPW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of ) Group Art Unit: 1625  
James A. Audia et al. ) Examiner:  
Application No.: 10/768,970 ) Confirmation No.: 4567  
Filing Date: February 2, 2004 )  
Title: METHODS AND COMPOUNDS FOR )  
INHIBITING B-AMYLOID PEPTIDE )  
RELEASE AND/OR ITS SYNTHESIS )

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a First Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

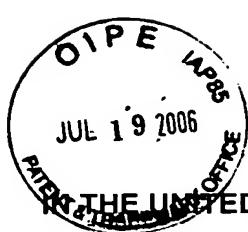
Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

By:

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Brian B. O'Shaughnessy  
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P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620



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**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

All of the listed documents were previously made of record in prior Application Serial No. 10/309,569, filed Feb. 19, 2003 and Sept. 3, 2003, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98, a copy of each of the listed documents, except those documents which were previously made of record in the prior application, is enclosed.

Copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

First Information Disclosure Statement  
Application No. 10/768,970  
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To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

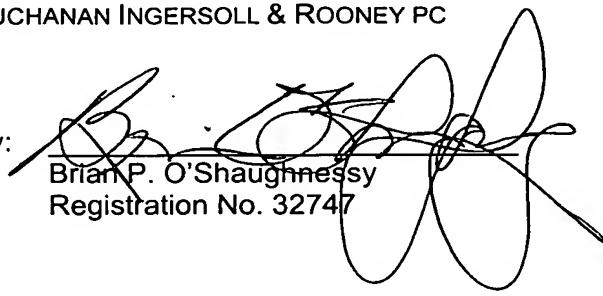
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Alexandria, VA 22313-1404  
703 836 6620

**FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
 (use as many sheets as necessary)

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MAILED

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Application Number	10/768,970
Filing Date	February 2, 2004
First Named Inventor	James A. Audia et al.
Examiner Name	
Attorney Docket No.	1034074-000794

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**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	4,410,520		Watthew	10-1983
	4,473,575		Watthey	09-1984
	5,015,639		Berger et al.	05-1991
	5,206,235		Fisher et al.	04-1993
	5,247,080		Berger et al.	09-1993
	5,486,541		Sterling et al.	01-1996
	5,502,048		Chapdelaine et al.	03-1996
	5,519,061		Youdim et al.	05-1996
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	5,656,625		Bowen et al.	08-1997
	5,656,626		Chapdelaine et al.	08-1997
	5,672,598		De et al.	09-1997
	6,191,166	B2	Audia et al.	02-2001
	6,448,229	B2	Teall	09-2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	Abstract	IPER	Cited in Spec
	0 652 009	EP		05-1995							
	0 732 399	EP		09-1996							
	0 778 266	EP		06-1997							
	210 647	HU		07-1994							
	9822494	WO		05-1993							
	95/09838	WO		04-1995							
	95/13084	WO		05-1995							
	96/20725	WO		07-1996							
	96/20949	WO		07-1996							
	96/22966	WO		08-1996							
	96/39194	WO		12-1996							
	97/30072	WO		08-1997							

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Adams, et al., "Potent and Selective Inhibitors of the Proteasome; Dipeptidyl Boronic Acids." <i>Biorg. and Med. Chem. Lets.</i> 8:333-338 (1998)
	Cordell, "beta.-Amyloid Formation as a Potential Therapeutic Target for Alzheimer's Disease." <i>Annu. Rev. Pharmacol. Toxicol.</i> 34:69-89 (1994)

Examiner Signature	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**FIRST**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**  
 (use as many sheets as necessary)

Sheet 2 of 2

Application Number	10/768,970
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**NON-PATENT LITERATURE DOCUMENTS**

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	Lum, et al., "Selective Inhibition of the Chymotrypsin-like Activity of the 20S Proteasome by 5-Methoxy-1-Indanone Dipeptide Benzamides." <i>Biorg. and Med. Chem. Lets.</i> 8:209-214 (1998)
	Papadopoulos, et al. "Anodic Oxidation of N-Acyl and N-Alkoxycarbonyl Dipeptide Esters as a Key Step for the Formation of Chiral Heterocyclic Synthetic Building Blocks." <i>Tetrahedron</i> , 47(4/5):563-572 (1991)
	Smith, et al. "beta.-APP Processing as a Therapeutic Target for Alzheimer's Disease." <i>Current Pharmaceutical Design</i> , 3 439-445 (1997)
	Waldmann, et al. "Selective Enzymatic Removal of Protecting Groups: The Phenylacetamide as Amino Protecting Group in Phosphopeptide Synthesis." <i>Tetrahedron Letters</i> , 37 (48):8725-8728 (1996)
	Wolfe, et al. "A Substrate-Based Difluoro Ketone Selectively Inhibits Alzheimer's .UPSILON.-Secretase Activity." <i>J. Med. Chem.</i> , 41:6-9 (1998)
	Zhu, J., et al., "A Convergent Synthesis of 14-Membered F-O-G Ring Analogs of the Teicoplanin Binding Pocket via Intramolecular S.sub.N Ar Reaction", <i>J. Org. Chem.</i> , (60), pp. 6389-6396 (1995).

Examiner Signature	Date Considered	
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